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| Subt. For, PTO-1449 | | | | Docket Number 112020.125 US1 /NAN-1 | | Application Number 09/915,093 | |
| INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary) | | | | Applicant SEGAL et al. | | | |
| | | | | Filing Date July 25, 2001 | | Group Art Unit 2823 | |
| Sheet | 1 | OF | 1 | | | | |

| U.S. Patent Documents | | | | | | |
|-----------------------|-----------------|----------|---------------|-------|----------|----------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | 5,973,444 | 10/26/99 | Xu et al. | 313 | 309 | |
| | 6,128,214 | 10/03/00 | Keukes et al. | 365 | 151 | |
| | 6,159,620 | 12/12/00 | Heath et al. | 428 | 615 | |

| Foreign Patent Documents | | | | | | | |
|--------------------------|-----------------|------------|---------|-------|----------|-------------|----|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | WO 00/73204 | 12/07/2000 | PCT | | | | |

| Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|--|----|---|
| | A1 | Dai, Hongjie, "Controlled Chemical Routes to Nanotube Architectures, Physics, and Devices." <i>The Journal of Physical Chemistry B</i> (1999); 103: 11246-11255. |
| | A2 | Homma, Y., et al., "Growth of Suspended Carbon Nanotube Networks on 100nm-Scale Silicon Pillars." <i>Applied Physics Letters</i> (2002); Vol. 81 No. 12, 2261-2263. |
| | A3 | Kong, J., et al., "Syntheses of Individual Single-Walled Carbon Nanotubes on Patterned Wafers." <i>Nature</i> (1998); 395: 878-881. |
| | A4 | Peigney, A., et al., "A Study of the Formation of Single-and-Double-Walled Carbon Nanotubes by a CVD Method." <i>The Journal of Physical Chemistry B</i> (2001); 105: 9699-9710. |
| | A5 | Franklin, N., et al., "Integration of Suspended Carbon Nanotube Arrays into Electronic Devices and Electromechanical Systems." <i>Applied Physics Letters</i> (2002); Vol. 81 No. 5, 913-905. |
| | A6 | Rueckes, T. et al., "Carbon Nanotube-Based Nonvolatile Random Access Memory for Molecular Computing." <i>Science</i> , Vol. 289, 94-97, July 7, 2000. |
| | A7 | Soh et al., "Integrated Nanotube Circuits: Controlled Growth and Ohmic Contacting of Single-walled Carbon Nanotubes." <i>Applied Physics Letters</i> , August 2, 1999, Vol. 75, No. 5, 627-629. |
| | A8 | Snow, E.S. et al., "Random Networks of Carbon Nanotubes as an Electronic Material." <i>Applied Physics Letters</i> , March 31, 2003, Vol. 82, No. 13, 2145-2147. |

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|---|------------------------------|
| EXAMINER | DATE CONSIDERED 2/25/2005 |
| EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not in conformance and not considered. Include copy with next communication to applicant. | |

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U.S. Patent Documents

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|----------|---------------|-------|----------|-------------------------------|
| | 2002/0112814 | 08/22/02 | Hafner et al. | 156 | 272.2 | |
| | 2003/0004058 | 01/02/03 | Li et al. | 502 | 258 | |
| | 2003/0021966 | 01/30/03 | Segal et al. | 428 | 209 | |
| | 6,277,318 | 08/21/01 | Bower | 264 | 346 | |
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Foreign Patent Documents

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
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Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | A1 | Bonard, J. et al., "Monodisperse Multiwall Carbon Nanotubes Obtained with Ferritin as Catalyst", Nano Letters, 2002, Vol. 2, No. 6, 665-667 |
| | A2 | Collins, P., "Engineering Carbon Nanotubes and Nanotube Circuits Using Electrical Breakdown", Science, Vol. 292, April 27, 2001, pp 706-709 |
| | A3 | Homma, Y., "Single-Walled Carbon Nanotube Growth on Silicon Substrates Using Nanoparticle Catalysts", Jpn. J. Appl. Phys., Vol. 41 (2002), pp. L89-L91 |
| | A4 | |
| | A5 | |
| | A6 | |

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|--|-------------------------------------|
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